

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4041J-000733

First Inventor Hirotugu TAKEUCHI

Title Ejector With Throttle Controllable Nozzle And Ejector Cycle Using The Same

Express Mail Label No. EL 623 486 635 US

17437 U.S. PTO
1710/614361



APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 17]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

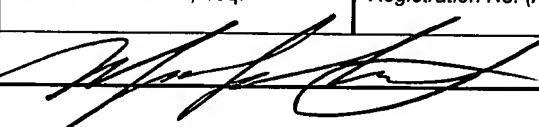
Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 
(Insert Customer No. or Attach bar code label here) or Correspondence address below

Name	Harness, Dickey & Pierce, P.L.C.				
Address	P.O. Box 828				
City	Bloomfield Hills	State	MI	Zip Code	48303
Country	United States of America	Telephone	248-641-1600	Fax	248-641-0270

Name (Print/Type)	Michael J. Schmidt, Esq.	Registration No. (Attorney/Agent)	34,007
Signature			Date
			July 7, 2003

07/07/03
U.S. PTO

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

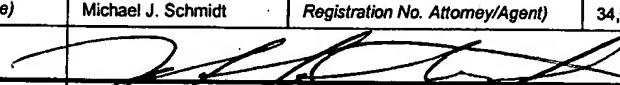
 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790)

Complete if Known	
Application Number	unassigned yet
Filing Date	July 7, 2003
First Named Inventor	Hirotugu TAKEUCHI
Examiner Name	
Group / Art Unit	
Attorney Docket No.	4041J-000733

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account:				3. ADDITIONAL FEES					
Deposit Account Number <input type="text" value="08-0750"/>				Large Entity	Small Entity				
Deposit Account Name <input type="text" value="Harness, Dickey & Pierce, P.L.C."/>				Fee Code	Fee (\$)	Fee Code	Fee (\$)		
				1051	130	2051	65	Fee Description	Fee Paid
				1052	50	2052	25	Surcharge - late filing fee or oath	<input type="text"/>
				1053	130	1053	130	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
				1812	2,520	1812	2,520	Non-English specification	<input type="text"/>
				1804	920*	1804	920*	For filing a request for reexamination	<input type="text"/>
				1805	1,840*	1805	1,840*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
				1251	110	2251	55	Requesting publication of SIR after Examiner action	<input type="text"/>
				1252	410	2252	205	Extension for reply within first month	<input type="text"/>
				1253	930	2253	465	Extension for reply within second month	<input type="text"/>
				1254	1,450	2254	725	Extension for reply within third month	<input type="text"/>
				1255	1,970	2255	985	Extension for reply within fourth month	<input type="text"/>
				1401	320	2401	160	Extension for reply within fifth month	<input type="text"/>
				1402	320	2402	160	Notice of Appeal	<input type="text"/>
				1403	280	2403	140	Filing a brief in support of an appeal	<input type="text"/>
				1451	1,510	1451	1,510	Request for oral hearing	<input type="text"/>
				1452	110	2452	55	Petition to institute a public use proceeding	<input type="text"/>
				1453	1,300	2453	650	Petition to revive – unavoidable	<input type="text"/>
				1501	1,300	2501	650	Petition to revive – unintentional	<input type="text"/>
				1502	470	2502	235	Utility issue fee (or reissue)	<input type="text"/>
				1503	630	2503	315	Design issue fee	<input type="text"/>
				1460	130	1460	130	Plant issue fee	<input type="text"/>
				1807	50	1807	50	Petitions to the Commissioner	<input type="text"/>
				1806	180	1806	180	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>
				8021	40	8021	40	Submission of Information Disclosure Stmt	<input type="text"/>
				1809	750	2809	375	Recording each patent assignment per property (times number of properties)	<input type="text"/>
				1810	750	2810	375	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
				1801	750	2801	375	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
				1802	900	1802	900	Request for Continued Examination (RCE)	<input type="text"/>
				8021	40	8021	40	Request for expedited examination of a design application	<input type="text"/>
				Other fee (specify) _____					
				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 40)	

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)
Name (Print/Type)	Michael J. Schmidt	Registration No. Attorney/Agent)	34,007	Telephone	248-641-1600	
Signature				Date	July 7, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PT -2038.